

Solvay Solexis Incorporated

EPA ID Number: NJD980753875

Other (Former) Names of Site

National Steel Company, Pennwalt, Ausimont USA, Inc.
[Although the current facility name is Solvay Solexis, Inc., the name Ausimont will be used in describing the historical activities to avoid confusion.]

Site Facts

The Solvay Solexis site is located on Crown Point Road in West Deptford Township, New Jersey, a mostly industrial area surrounded by rural and residential setting. National Steel Company operated at the site before it was sold to Ausimont (known as Pennwalt at that time) in 1969. Currently, Solvay Solexis manufactures chlorofluorocarbon (Kynar®), which is a plastic used in chemical process equipment, wire and cable installation. Solvay Solexis' operation generates various hazardous wastes which are managed under a permit from New Jersey Department of Environmental Protection (NJDEP) for on-site hazardous waste storage and incineration.

Contamination

Ausimont had managed chemical wastes from its processes on-site in unlined surface impoundments (man-made "ponds" in which contaminants in liquid settle to the bottom). Releases from the impoundments and spills and discharges of chemical waste at the site resulted in soil and groundwater contamination. Groundwater contaminants include chloromethane, trichlorofluoromethane, chloroform and carbon tetrachloride. Soil contaminants include 1,1-dichloroethene and some metals like lead and copper.

What Is Being Done

From 1990 to 1992, the company cleaned up the contaminated soil by excavating it and shipping it off-site to a waste disposal facility. Ausimont then backfilled the excavated areas with clean soil.

Solvay Solexis is currently investigating the groundwater contamination at the site to determine how far it extends.

What Remains To Be Done

Complete the investigation to define the hydrogeology and groundwater contamination both on-site and off-site. Based on the contaminant concentration levels, the rate at

which the contaminated groundwater is moving and the distance the plume of contaminated water has migrated, an appropriate final remedy will be selected. Institutional controls (e.g., a deed notice for residual soil contamination and a Classification Exceptions Area for remaining groundwater contamination) will be imposed at areas with residual contamination and a long-term groundwater monitoring system will be developed to ensure that the groundwater contamination is contained.

Site Repository

Copies of supporting technical documents and correspondence cited in the site fact sheet are available for public review at the following location:

New Jersey Department of Environmental Protection
Division of Solid & Hazardous Waste
Records Center
401 E. State Street, 6th Floor
Trenton, NJ 08625
Telephone: (609) 777-3373